

Errata Sheet for
Catalog of Hawaiian earthquakes, 1823-1959

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The following page replaces page 54 (Appendix 4, Table 13—Continued) in the paper version and the 60th page in the file “p1623.pdf” on the CD-ROM.  
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Version 1.2:

Lines were truncated in database tables (*.csv, *.exl, *.xls, *.pdf, and *.ps) on the CD-ROM. These files were corrupted as a result of saving files as Excel 4.0. New files that include the previously missing text are in Excel 98/2000 format. The 1_README.TXT file has been revised to reflect higher system requirements. Explanation of column headings of the files of seismogram readings added to 1_README.TXT file.

Replacement files are available at <ftp://geopubs.wr.usgs.gov/pub/prof-paper/pp1623/> in the csv, mac, pc, pdf, and postscript folders.

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May, 2001

Table 13. All earthquakes of  $M \geq 4.0$  during the period 1903–59—Continued

| Date     | Time (HST) | Lat (deg) | Lat (min) | Lon (deg) | Lon (min) | Region       | Publ. Depth | Pref. Depth | Publ. Dist. | Calc. Dist. | Slant dist | Mag class | M nomo | M M-S E-W | M M-S N-S | M vert | M hor N-L | M other | M (other) source | M pref | M (pref) source | I (max) | Location/felt report                                                                                                                                                                                                         | Comment                                                                                                                                                                                                       |
|----------|------------|-----------|-----------|-----------|-----------|--------------|-------------|-------------|-------------|-------------|------------|-----------|--------|-----------|-----------|--------|-----------|---------|------------------|--------|-----------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5/24/24  | 5:51       |           |           |           |           | a0513        |             |             |             |             | 10.0       | m-st      | 4.04   |           |           |        |           |         |                  | 4.04   | nomo            | III     | Both components dismantled. Warshauer notes: Quakes shake Hilo Saturday morning.                                                                                                                                             | See note for May 19, 1924; time 11:23; Jaggard, 1947, p. 246; HA, 5/24/1924.                                                                                                                                  |
| 5/24/24  | 23:59      |           |           |           |           | kl cal 0-5?  |             |             |             |             | 4.0        | f         | 2.20   |           |           |        |           |         |                  | 4.56   | nomo            | felt    | See note for May 1, 1924; untabulated feeble = 400. Warshauer notes: Earthquakes were distinctly felt in Hilo last night [May 23-24], but no tremors were reported from any section today.                                   | 467 earthquakes, 67 felt; 2 explosions; ESPHVO, v. 3, p. 557, table; HA, 5/25/1924.                                                                                                                           |
| 5/24/24  | 23:59      |           |           |           |           | kl cal 0-5?  |             |             |             |             | 4.0        | s         | 2.74   |           |           |        |           |         |                  | 4.23   | nomo            | felt    | See note for May 1, 1924; untabulated slight = 43. Warshauer notes: Earthquakes were distinctly felt in Hilo last night [May 23-24], but no tremors were reported from any section today.                                    | 467 earthquakes, 67 felt; 2 explosions; ESPHVO, v. 3, p. 557, table; HA, 5/25/1924.                                                                                                                           |
| 5/25/24  | 23:59      |           |           |           |           | kl cal 0-5?  |             |             |             |             | 4.0        | f         | 2.20   |           |           |        |           |         |                  | 4.29   | nomo            |         | See note for 5/1/24; untabulated feeble = 202.                                                                                                                                                                               | 248 earthquakes, 45 felt; 2 explosions; ESPHVO, v. 3, p. 557, table.                                                                                                                                          |
| 5/25/24  | 23:59      |           |           |           |           | kl cal 0-5?  |             |             |             |             | 4.0        | s         | 2.74   |           |           |        |           |         |                  | 4.10   | nomo            |         | See note for 5/1/24; untabulated slight = 31.                                                                                                                                                                                | Do.                                                                                                                                                                                                           |
| 5/26/24  | 8:06       |           |           |           |           | a0513        |             |             |             |             | 10.0       | m-st      | 4.04   |           |           |        |           |         |                  | 4.04   | nomo            | IV      | A moderate quake; dismantled both instruments. Warshauer notes: A strong earthquake shook the entire Kilauea district at 9 o'clock [time wrong?].                                                                            | See note for May 19, 1924; time 11:23; Jaggard, 1947, p. 253; HA, 5/27/1924.                                                                                                                                  |
| 5/26/24  | 23:59      |           |           |           |           | kl cal 0-5?  |             |             |             |             | 4.0        | f         | 2.20   |           |           |        |           |         |                  | 4.14   | nomo            |         | See note for 5/1/24; untabulated feeble = 137.                                                                                                                                                                               | 156 earthquakes, 19 felt; 1 explosion; ESPHVO, v. 3, p. 557, table.                                                                                                                                           |
| 5/27/24  | 23:59      |           |           |           |           | kl cal 0-5?  |             |             |             |             | 4.0        | s         | 2.74   |           |           |        |           |         |                  | 4.74   | nomo            |         | See note for 5/1/24; untabulated slight = 17.                                                                                                                                                                                | 195 earthquakes, 36 felt; 1 explosion; ESPHVO, v. 3, p. 557, table.                                                                                                                                           |
| 5/27/24  | 23:59      |           |           |           |           | kl cal 0-5?  |             |             |             |             | 4.0        | f         | 2.20   |           |           |        |           |         |                  | 4.20   | nomo            |         | See note for 5/1/24; untabulated feeble = 158.                                                                                                                                                                               | Do.                                                                                                                                                                                                           |
| 5/28/24  | 23:59      |           |           |           |           | kl cal 0-5?  |             |             |             |             | 4.0        | f         | 2.20   |           |           |        |           |         |                  | 4.06   | nomo            |         | See note for 5/1/24; untabulated feeble = 111.                                                                                                                                                                               | 130 earthquakes; ESPHVO, v. 3, p. 560, table.                                                                                                                                                                 |
| 5/30/24  | 8:42       |           |           |           |           | kl cal deep? |             |             |             |             | 10.0       | st        | 4.15   | 5.78      | 5.91      |        |           |         |                  | 5.85   | hono            | V       | HON notes: Evidently not far away; unusually strong; both instruments dismantled; raised dustcloud at pit; N-S component set back 0.5 in. on drum; tilt strong NE; strongest quake felt here in a long time.                 | <i>Honolulu Station Bulletin</i> (McFarland, 1929); ESPHVO, v. 3, p. 556; Jaggard, 1947, p. 259.                                                                                                              |
| 7/20/24  | 13:25      |           |           |           |           | hilo         |             |             |             |             | 43.2       | s         | 4.40   |           |           |        |           |         |                  | 4.40   | nomo            | VI      | Felt locally. Warshauer notes: Quake duration several seconds, severe, rocked Hilo, knocked pictures and vases down; seemed to come in a wave, which shook their houses in sections at a time as the wave seemed to pass on. | ESPHVO, v. 3, p. 586; not in <i>Honolulu Station Bulletin</i> ; HTH, 7/21/1924.                                                                                                                               |
| 8/20/24  | 6:20       |           |           |           |           | kaoiiki      |             |             |             |             | 25.6       | m         | 4.80   |           |           |        |           | 5       | W&K              | 5.00   | nomo            | V (Kau) | Earthquake centering near Kapapala, felt-HVO, Hilo, Pahala, and Kona, but not Kapoho; distance, 16 mi, felt all over Hawaii; isoseismal map in W&K, who suggest a Hilea epicenter.                                           | ESPHVO, v. 3, p. 590, 592, 595; [M ~5.0 predicts an amp of 4 mm on Milne-Shaw, which was not reported in <i>Honolulu Station Bulletin</i> ]; HTH, 8/20/1924; see references.                                  |
| 8/20/24  | 22:48      |           |           |           |           | kaoiiki?     |             |             |             |             | 25.6       | s         | 4.03   |           |           |        |           |         |                  | 4.03   | nomo            |         | Aftershocks(?)—distance and region assumed; ESPHVO, v. 3, p. 595.                                                                                                                                                            |                                                                                                                                                                                                               |
| 8/23/24  | 0:10       |           |           |           |           | ml mok       |             |             |             |             | 32.0       | s         | 4.19   |           |           |        |           |         |                  | 4.19   | nomo            | V?      | Sharply felt at HVO; felt very severe at Mokuaweoweo.                                                                                                                                                                        | [Distance of 2 mi inconsistent with felt report; misprint for 20?] ESPHVO, v. 3, p. 590, 592, 595.                                                                                                            |
| 8/23/24  | 0:13       |           |           |           |           | ml mok       |             |             |             |             | 32.0       | m         | 4.68   |           |           |        |           |         |                  | 5.59   | hono            | V-VI    | Sharply felt at HVO; felt very severe, and stone monuments shaken down and ground cracked open at Mokuaweoweo; seismographs dismantled; distance, 20 mi. HON notes: Onset to max 1 min 10 s; 1-s period.                     | <i>Honolulu Station Bulletin</i> (McFarland, 1929); ESPHVO, v. 3, p. 590, 592, 595; [probably larger than 8/20/24 M = 5.0 at Hilea, which was not reported in <i>Honolulu Station Bulletin</i> ]; not in HTH. |
| 8/24/24  | 7:48       |           |           |           |           | ml mok?      |             |             |             |             | 32.0       | s         | 4.19   |           |           |        |           |         |                  | 4.19   | nomo            | felt    | Presumed felt more strongly in Kau than Puna.                                                                                                                                                                                | [Distance of 2 mi inconsistent with statement on p. 590; misprint for 20?] ESPHVO, v. 3, p. 590, 595.                                                                                                         |
| 9/8/24   | 22:07      |           |           |           |           | kona         |             |             |             |             | 57.6       | s         | 4.37   |           |           |        |           |         |                  | 4.37   | nomo            | felt    | Felt in Kona.                                                                                                                                                                                                                | Not found in <i>Honolulu Station Bulletin</i> (McFarland, 1929); ESPHVO, v. 3, p. 600, 602.                                                                                                                   |
| 9/10/24  | 17:03      |           |           |           |           | mauna kea?   |             |             |             |             | 40.0       | s         | 4.12   |           |           |        |           |         |                  | 4.12   | nomo            | felt    | ESPHVO v. 3, p. 604, notes: (Felt in Hilo and Honokaa).                                                                                                                                                                      | Not found in <i>Honolulu Station Bulletin</i> (McFarland, 1929); ESPHVO, v. 3, p. 604.                                                                                                                        |
| 10/10/24 | 0:21       |           |           |           |           | ml swr?      |             |             |             |             | 51.2       | s         | 4.29   |           |           |        |           |         |                  | 4.29   | nomo            | felt    | Felt in Hilea.                                                                                                                                                                                                               | Not found in <i>Honolulu Station Bulletin</i> (McFarland, 1929); ESPHVO, v. 3, p. 615.                                                                                                                        |